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HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20080001
Agency Interest No. 7853

Mr. V Kenney Fletcher
General Manager
Texas Eastern Transmission, LP
PO Box 1642
Houston, TX 77251-1642

RE: Part 70 Operating Permit, Texas Eastern Transmission, LP - Gillis Compressor Station,
Texas Eastern Transmission, LP, Ragley Beauregard Parish, Louisiana

Dear Mr. V Kenney Fletcher:

This is to inform you that the permit renewal for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 0320-00016-V2

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

CSN:sjt
c: EPA Region VI

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
TEXAS EASTERN TRANSMISSION, LP
GILLIS COMPRESSOR STATION
PROPOSED PART 70 AIR OPERATING PERMIT RENEWAL

The LDEQ, Office of Environmental Services, is accepting written comments on a part 70 air operating permit renewal for Texas Eastern Transmission, LP, P.O. Box 1642, Houston, TX 77251-1642 for the Gillis Compressor Station. The facility is located at 2240 Texas Eastern Rd, Ragley, Beauregard Parish.

Texas Eastern Transmission, LP requested a part 70 air operating permit renewal for the Gillis Compressor Station.

The Gillis Compressor Station, located in Beauregard Parish, employs two natural gas fired turbines (General Electric Gas Turbine 41301 {EPN E-1} and 41302 {EPN E-2}) to recompress natural gas through transmission lines. The two natural gas fired turbines have two operating scenarios. The first scenario would allow both turbines (E-1 and E-2) to operate in series in low volume mode. The second operating scenario, which has lower emissions, would allow only turbine E-1 to operate in high volume mode. Turbine E-2 does not have capability for dual volume modes. Texas Transmission Company, LP has an emissions cap for the turbines to incorporate the emissions from the two scenarios.

Condensate and wastewater, resulting from compression, along with lube oil and waste lube oil are stored in storage tanks within the facility. The condensate is transported off-site by tank truck. An auxiliary engine (Leroi L3460) is located on-site in the event of loss of electrical power. Fugitive emission from the facility consist of leaks from pipeline components, discrete blow down events and area fugitive emissions from truck loading activities.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	4.45	4.45	-
SO ₂	2.28	2.28	-
NO _x	481.34	481.34	-
CO	87.51	87.51	-
VOC *	14.64	14.64	- -

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Thursday, September 3, 2009.** Written comments will be considered prior to a final permit form_7118_r01
04/30/07

decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The proposed permit, statement of basis and application are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.**

Additional copies may be reviewed at the Beauregard Parish Library, South (Longville/Ragley) Branch, 6715 Highway 12, Ragley, LA 70657.

Inquiries or requests for additional information regarding this permit action should be directed to Scott J. Templet, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3059.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmailistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 7853, Permit Number 0320-00016-V2, and Activity Number PER20080001.

Scheduled Publication Date: July 31, 2009

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

Texas Eastern Transmission, LP - Gillis Compressor Station

Agency Interest No.: 7853

Texas Eastern Transmission, LP

Ragley, Beauregard Parish, Louisiana

I. Background

Texas Eastern Transmission, LP - Gillis Compressor Station began operation in 1957 and was initially permitted on May 29, 1980 under permit 1403. The facility operated under Permit No. 0320-00016-V0 issued November 13, 1998. The facility incorporated a modification within the renewal permit and operated under Permit No. 0320-00016-V1 issued March 24, 2004. The Texas Eastern Transmission LP - Gillis Compressor Station currently operates under the amended Permit No. 0320-00016-V1, issued March 21, 2005.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Texas Eastern Transmission, LP on September 23, 2008 requesting a Part 70 operating permit renewal.

III. Description:

The Gillis Compressor Station, located in Beauregard Parish, employs two natural gas fired turbines (General Electric Gas Turbine 41301 {EPN E-1} and 41302 {EPN E-2}) to recompress natural gas through transmission lines. The two natural gas fired turbines have two operating scenarios. The first scenario would allow both turbines (E-1 and E-2) to operate in series in low volume mode. The second operating scenario, which has lower emissions, would allow only turbine E-1 to operate in high volume mode. Turbine E-2 does not have capability for dual volume modes. Texas Transmission Company, LP has an emissions cap for the turbines to incorporate the emissions from the two scenarios.

Condensate and wastewater, resulting from compression, along with lube oil and waste lube oil are stored in storage tanks within the facility. The condensate is transported off-site by tank truck. An auxiliary engine (Leroi L3460) is located on-site in the event of loss of electrical power. Fugitive emission from the facility consist of leaks from pipeline components, discrete blow down events and area fugitive emissions from truck loading activities.

Estimated emissions in tons per year are as follows:

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - Gillis Compressor Station
Agency Interest No.: 7853

Texas Eastern Transmission, LP
Ragley, Beauregard Parish, Louisiana

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	4.45	4.45	-
SO ₂	2.28	2.28	-
NO _x	481.34	481.34	-
CO	87.51	87.51	-
VOC *	14.64	14.64	-

***VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Acetaldehyde	0.198	0.20	-
Acrolein	0.036	0.036	-
Benzene	0.073	0.07	-
1,3-Butadiene	0.003	0.003	-
Ethylbenzene	0.155	0.16	-
Formaldehyde	3.466	3.47	-
n-Hexane	0.291	0.29	-
Methanol	0.005	0.01	-
Naphthalene	0.006	0.01	-
PAH	0.011	0.011	-
Propylene Oxide	0.140	0.14	-
Toluene	0.634	0.63	-
Xylenes	0.311	0.31	-
Total	5.329	5.34	-

NOTE: Total TAP emissions did not change, but were rounded to 2 decimal places except for those pollutants which have an MER < 50 lbs/yr.

Other VOC (TPY): 9.30

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

Texas Eastern Transmission, LP - Gillis Compressor Station

Agency Interest No.: 7853

Texas Eastern Transmission, LP

Ragley, Beauregard Parish, Louisiana

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70 and the Louisiana Air Quality Regulations. Prevention of Significant Deterioration (PSD), New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed facility were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

Dispersion Model(s) Used: None

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - Gillis Compressor Station

Agency Interest No.: 7853

**Texas Eastern Transmission, LP
Ragley, Beauregard Parish, Louisiana**

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})

VIII. General Condition XVII Activities

None

IX. Insignificant Activities

ID No.:	Description	Capacity	Citation
T-2	Lube Oil Tank	3291 gallons	LAC 33:III.501.B.5.A.3
T-3	Used Lube Oil Tank	560 gallons	LAC 33:III.501.B.5.A.3
T-4	Wastewater Tank	9828 gallons	LAC 33:III.501.B.5.A.3
T-5	Coolant Storage Tank	1350 gallons	LAC 33:III.501.B.5.A.3
T-6	Used Oil Tank	400 gallons	LAC 33:III.501.B.5.A.3
T-7	Coolant Surge Tank	528 gallons	LAC 33:III.501.B.5.A.3
T-8	Wastewater Tank	300 gallons	LAC 33:III.501.B.5.A.3

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - Gillis Compressor Station
Agency Interest No.: 7853
Texas Eastern Transmission, LP
Ragley, Beauregard Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																			
		5*	509	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	22	29*	51*	53*	56	59*	
UNF 001	Gillis Compressor Station	1	1												1				3	1	3
EQT 001	General Electric Gas Turbine 41301	1																			
EQT 002	General Electric Gas Turbine 41302	1																			
GRIP001	Turbines CAP (41301 & 41302)																				
EQT 003	Leroy L-3460 Emergency Generator 41335	1																			
EQT 004	Miscellaneous Process Vents, Gas Releases and Other Vents																				
EQT 005	Pipeline Liquids Tank													2							
EQT 006	Condensate Truck Loading													2							
FUG 001	Fugitive Emissions from Pipeline Components													1							

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - Gillis Compressor Station
 Agency Interest No.: 7853
Texas Eastern Transmission, LP
Ragley, Beauregard Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR	
		A	K	Ka	Kb	Dc	GG	KKK	JJJ	A	J	M	A	HH	VY	HHH	YYYY	64	68		
UNF 001	Gillis Compressor Station																			3	3
EQT 001	General Electric Gas Turbine 41301																			3	
EQT 002	General Electric Gas Turbine 41302																			3	
GRP001	Turbines CAP (41301 & 41302)																			3	
EQT 003	Leroy L-3460 Emergency Generator 41335																			3	
EQT 004	Miscellaneous Process Vents, Gas Releases and Other Vents																			3	
EQT 005	Pipeline Liquids Tank																			3	
EQT 006	Condensate Truck Loading																			3	
FUG 001	Fugitive Emissions from Pipeline Components																			3	

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
 - 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
 - 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - Gillis Compressor Station
Agency Interest No.: 7853
Texas Eastern Transmission, LP
Ragley, Beauregard Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement			Notes
	40 CFR Part 68 & LAC 33:III.Chapter 59 Chemical Accident Prevention Program	DOES NOT APPLY	Facility does not produce, process, handle, or store any substance listed in § 68.130 or Table 59.0 and Table 59.1 of Chapter 59 in an amount greater than the threshold quantity (as determined in the manner described in § 68.115).	
Entire Facility	40 CFR Part 64 Compliance Assurance Monitoring LAC 33:III.Chapter 15 Emission Standards for Sulfur Dioxide	DOES NOT APPLY	Turbines do not use control devices to achieve compliance. § 64.1	
	LAC 33:III.Chapter 51 Comprehensive Toxic Air Pollutant Emission Control Program	DOES NOT APPLY	DOES NOT APPLY No single point source emits or has the potential to emit 5 tons per year or more of SO ₂ . [LAC 33:III.1502.A.3]	The facility is not a major source of toxic air pollutants.
E-1 & E-2	40 CFR Part 60 Subpart YY NESHAP for Stationary Combustion Turbines	DOES NOT APPLY	DOES NOT APPLY Turbines were constructed prior to October 3, 1977.	Turbines were constructed prior to October 3, 1977.
T-1	LAC 33:III.2103 Storage of Volatile Organic Compounds	EXEMPT	DOES NOT APPLY	The facility is not a major source of Hazardous Air Pollutants (HAPs).
E-3	40 CFR Part 60 Subpart K, Ka. & Kb NSPS for Storage Vessels for Petroleum Products	DOES NOT APPLY	DOES NOT APPLY	Located in an attainment parish and has a nominal storage capacity less than 420,000 gallons. [LAC 33:III.2103.G.1]
TLOAD	40 CFR Part 60 Subpart JJ NSPS for Stationary Spark Ignition Internal Combustion Engines	DOES NOT APPLY	DOES NOT APPLY	Storage tank was constructed prior to June 11, 1973.
	LAC 33:III.2107 Volatile Organic Compounds - Loading	EXEMPT	DOES NOT APPLY	Engine was not constructed, re-constructed or modified since October 3, 1977.
				Does not apply to crude or condensate loading facilities. [LAC 33:III.2107.F]

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - Gillis Compressor Station

Agency Interest No: 7853

Texas Eastern Transmission, LP

Ragley, Beauregard Parish, Louisiana

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AI ID: 7853 Texas Eastern Transmission LP - Gillis Compressor Station

Activity Number: PER20080001

Permit Number: 0320-00016-V2

Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	0320-00016	Texas Eastern Transmission LP - Gillis Compressor Station	CDS Number	05-08-2002
	72-0378240	Federal Tax ID	Federal Tax ID	11-21-1999
	LAD982553034	Telco Gillis	Hazardous Waste Notification	03-19-1991
	0320-0016	Texas Eastern Transmission LP - Gillis Compressor Station	Historic Emission Inventory System (EIS) ID	02-23-2004
	LAD981911647	Site Id #	Inactive & Abandoned Sites	03-01-1987
	WP3956	WPC State Permit Number	LWDPS Permit #	06-25-2003
	10062	Texas Eastern - Gillis Compressor Station	TEMPO Merge	12-10-2001
	7350	Texas Eastern Gas Pipeline Co - Gillis Compressor Station	TEMPO Merge	06-03-2002
Physical Location:		2240 Texas Eastern Rd Ragley, LA 70657	Main Phone:	7139898343
Mailing Address:		PO Box 1642 Houston, TX 772511642	Phone (Type)	
Location of Front Gate:		30 458333 latitude, -93 144722 longitude. Coordinate Method Lat\Long - DMS. Coordinate Datum: NAD83	Relationship	
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Christopher Ditzel	PO Box 1642 Houston, TX 772511642	7139868331 (WP)	Responsible Official for
	Christopher Ditzel	PO Box 1642 Houston, TX 772511642	7139898331 (WP)	Air Permit Contact For
	V Kenney Fletcher	PO Box 1642 Houston, TX 772511642	7136274475 (WP)	Responsible Official for
	V Kenney Fletcher	PO Box 1642 Houston, TX 772511642	VKFletcher@Spectra	Responsible Official for
	Sabino Gomez	PO Box 1642 Houston, TX 772511642	7139898342 (WP)	Emission Inventory Contact for
	Sabino Gomez	PO Box 1642 Houston, TX 772511642	SxGOMEZ@Spectra	Emission Inventory Contact for
	Don Haney	PO Box 1642 Houston, TX 772511642	7139898343 (WP)	Haz. Waste Billing Party for
	Diana Phelps	P.O. Box 1642 Houston, TX 772511642	dphelps@spectraen	Emission Inventory Contact for
	Diana Phelps	P.O. Box 1642 Houston, TX 772511642	7136274484 (WP)	Emission Inventory Contact for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Texas Eastern Transmission LP	PO Box 1642 WO-919 Houston, TX 772511642	7139898331 (WP)	Owes
	Texas Eastern Transmission LP	PO Box 1642 WO-919 Houston, TX 772511642	7139898331 (WP)	Emission Inventory Billing Party
	Texas Eastern Transmission LP	PO Box 1642 WO-919 Houston, TX 772511642	7139898331 (WP)	Air Billing Party for
NAIC Codes:	48621, Pipeline Transportation of Natural Gas			

General Information

AI ID: 7853 Texas Eastern Transmission LP - Gillis Compressor Station

Activity Number: PER20080001

Permit Number: 0320-00016-V2

Air - Title V Regular Permit Renewal

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 7853 - Texas Eastern Transmission LP - Gillis Compressor Station
Activity Number: PER20080001
Permit Number: 0320-00016-V2
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EOT 0001	E-1 - General Electric Gas Turbine 41301		11760 horsepower	8000 horsepower		8760 hr/yr
EOT 0002	E-2 - General Electric Gas Turbine 41302		10032 horsepower	7600 horsepower		8760 hr/yr
EOT 0003	E-3 - Leroi L-3460 Emergency Generator 41335		528 horsepower	440 horsepower		876 hr/yr
EOT 0004	MPV-1 - Miscellaneous Process Vents, Gas Releases and Other Vents		560000 scfm	3,36 MM scf/yr		8760 hr/yr
EOT 0005	T-1 - Pipeline Liquids Tank	8820 gallons		35280 gallons/yr		8760 hr/yr
EOT 0006	T-LOAD - Condensate Truck Loading		8820 gallons/hr		pipeline liquids	4 hr/yr
FUG 0001	FG-1 - Fugitive Emissions from Pipeline Components					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Entire Facility							
EOT 0001	E-1 - General Electric Gas Turbine 41301	65.04	327270	10.33		49.67	1300
EOT 0002	E-2 - General Electric Gas Turbine 41302	65.04	327270	6		40	1000
EOT 0003	E-3 - Leroi L-3460 Emergency Generator 41335	155	1826	5		49.67	900
EOT 0005	T-1 - Pipeline Liquids Tank			10.5		16.5	

Relationships:**Subject Item Groups:**

ID	Group Type	Group Description	Group Description
GRP 0001	Equipment Group	GRP 001 - Turbines CAP 41301 & 41302	
UNF 0001	Unit or Facility Wide	UNF 001 - Entire Facility	
Group Membership:			
ID	Description	Member of Groups	
EOT 0001	E-1 - General Electric Gas Turbine 41301	GRP 000000000001	
EOT 0002	E-2 - General Electric Gas Turbine 41302	GRP 000000000001	

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group.

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multipiler	Units Of Measure
1430	1430 Natural Gas Comp (Turbines)	156	100 hp

INVENTORIES

AI ID: 7853 - Texas Eastern Transmission LP - Gillis Compressor Station
Activity Number: PER20080001
Permit Number: 0320-00016-V2
Air - Title V Regular Permit Renewal

SIC Codes:

4922	Natural gas transmission	AI 7853
4922	Natural gas transmission	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 7853 - Texas Eastern Transmission LP - Gillis Compressor Station

Activity Number: PER20080001

Permit Number: 0320-00016-V2

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
EQT 0001 E-1	11.25			64.69			0.61			0.32					1.41
EQT 0002 E-2	11.74			70.76			0.64			0.33					1.47
EQT 0003 E-3	14.8C	17.76	6.48	9.03	10.84	3.96	0.08	0.09	0.03	0.002	0.003	0.001	0.23	0.28	0.10
EQT 0004 MPV-1													0.28	967.10	1.21
EQT 0005 T-1													0.62	160.98	2.71
EQT 0006 TLOAD													81.99	107.48	0.16
FUG 0001 FG-1													0.07	0.07	0.32
GRP 0001 GRP CO	18.50		81.03	108.99		477.38	1.01		4.42	0.52		2.28	2.32		10.14

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 7853 - Texas Eastern Transmission LP - Gillis Compressor Station
 Activity Number: PER20080001
 Permit Number: 0320-00016-V2
 Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0001 E-1	1,3-Butadiene		<0.001	
	Acetaldehyde		0.03	
	Acrolein		0.004	
	Benzene		0.01	
	Ethyl benzene		0.02	
	Formaldehyde		0.48	
	Naphthalene		0.001	
	Polynuclear Aromatic Hydrocarbons		0.002	
	Propylene oxide		0.02	
	Toluene		0.09	
EQT 0002 E-2	Xylene (mixed isomers)		0.04	
	1,3-Butadiene		<0.001	
	Acetaldehyde		0.03	
	Acrolein		0.005	
	Benzene		0.01	
	Ethyl benzene		0.02	
	Formaldehyde		0.50	
	Naphthalene		0.001	
	Polynuclear Aromatic Hydrocarbons		0.002	
	Propylene oxide		0.02	
EQT 0003 E-3	Toluene		0.09	
	Xylene (mixed isomers)		0.05	
	1,3-Butadiene	0.003	0.003	0.001
	Acetaldehyde	0.01	0.01	<0.01
	Acrolein	0.011	0.013	0.005
	Benzene	0.01	0.01	<0.01
	Formaldehyde	0.08	0.10	0.04
	Methanol	0.01	0.02	0.01
EQT 0004 MPV-1	Toluene	0.002	0.003	<0.01
	Xylene (mixed isomers)	0.001	0.001	<0.01
EQT 0005 T-1	n-Hexane	0.05	162.15	0.21
	Benzene	0.003	0.69	0.01
	Toluene	0.001	0.28	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 7853 - Texas Eastern Transmission LP - Gillis Compressor Station

Activity Number: PER20080001

Permit Number: 0320-00016-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0005 T-1	Xylene (mixed isomers)	<0.001	0.07	<0.01
	n-Hexane	0.005	1.41	0.02
EQT 0006 TLOAD	Benzene	0.35	0.46	<0.01
	Toluene	0.14	0.19	<0.01
	Xylene (mixed isomers)	0.03	0.05	<0.01
	n-Hexane	0.72	0.94	<0.01
FUG 0001 FG-1	n-Hexane	0.01	0.01	0.05
GRP 0001 GRP 001	1,3-Butadiene	0.001		0.002
	Acetaldehyde	0.04		0.19
	Acrolein	0.007		0.031
	Benzene	0.01		0.06
	Ethyl benzene	0.04		0.16
	Formaldehyde	0.78		3.43
	Naphthalene	0.001		0.01
	Polynuclear Aromatic Hydrocarbons	0.002		0.011
	Propylene oxide	0.03		0.14
	Toluene	0.14		0.63
UNF 0001 UNF 001	Xylene (mixed isomers)	0.07		0.31
	1,3-Butadiene			0.003
	Acetaldehyde			0.20
	Acrolein			0.036
	Benzene			0.07
	Ethyl benzene			0.16
	Formaldehyde			3.47
	Methanol			0.01
	Naphthalene			0.01
	Polynuclear Aromatic Hydrocarbons			0.011
	Propylene oxide			0.14
	Toluene			0.63
	Xylene (mixed isomers)			0.31
	n-Hexane			0.29

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 7853 - Texas Eastern Transmission LP - Gillis Compressor Station
Activity Number: PER20080001
Permit Number: 0320-00016-V2
Air - Title V Regular Permit Renewal

SPECIFIC REQUIREMENTS

AI ID: 7853 - Texas Eastern Transmission LP - Gillis Compressor Station

Activity Number: PER20080001

Permit Number: 0320-00016-V2

Air - Title V Regular Permit Renewal

EQT 0001 E-1 - General Electric Gas Turbine 41301

1 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

2 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: None specified
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average

3 [LAC 33:III.507.H.1.a] Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources or Method 20 - Determination of Nitrogen Oxides, Sulfur Dioxide and Oxygen emissions from Stationary Gas Turbines, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

4 [LAC 33:III.507.H.1.a] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

EQT 0002 E-2 - General Electric Gas Turbine 41302

5 [LAC 33:III.507.H.1.a] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

6 [LAC 33:III.1101.B] Which Months: All Year Statistical Basis: None specified
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

AI ID: 7853 - Texas Eastern Transmission LP - Gillis Compressor Station
Activity Number: PER20080001
Permit Number: 0320-00016-V2
Air - Title V Regular Permit Renewal

EQT 0002 E-2 - General Electric Gas Turbine 41302

8 [LAC 33:III.507.H.1.a]

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂/ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

9 [LAC 33:III.507.H.1.a]

Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources or Method 20 - Determination of Nitrogen Oxides, Sulfur Dioxide and Oxygen emissions from Stationary Gas Turbines, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.9.13, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

10 [LAC 33:III.507.H.1.a]

Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

EQT 0003 E-3 - Leroi L-3460 Emergency Generator 41335

11 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

12 [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average
 Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days) only if engine is operated more than 720 hours during semiannual period. Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

13 [LAC 33:III.507.H.1.a]

Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NO_x, CO, O₂, SO₂ and VOC concentrations in the stack gas obtained during semiannual testing.

14 [LAC 33:III.507.H.1.a]

Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days) only if engine is operated more than 720 hours during semiannual period. Maintain concentrations of NO_x in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

15 [LAC 33:III.507.H.1.a]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 7853 - Texas Eastern Transmission LP - Gillis Compressor Station

Activity Number: PER20000001

Permit Number: 0320-000016-V2

Air - Title V Regular Permit Renewal

EQT 0003 E-3 - Leto L-3460 Emergency Generator 41335

- Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days) only if engine is operated more than 720 hours during semiannual period. Maintain concentrations of O₂ in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
- Which Months: All Year Statistical Basis: None specified
- Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.
- Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

FUG 0001 FG-1 - Fugitive Emissions from Pipeline Components

- Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

UNF 0001 UNF 001 - Entire Facility

- Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. Subpart M, [40 CFR 61.145(b)(1)] Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either moulded and friable or wet-applied and friable after drying. Subpart M.
- Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

SPECIFIC REQUIREMENTS

AI ID: 7853 - Texas Eastern Transmission LP - Gillis Compressor Station
 Activity Number: PER20080001
 Permit Number: 0320-00016-V2
 Air - Title V Regular Permit Renewal

UNF 001 UNF 001 - Entire Facility

- 24 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(ii)(A)]
- 25 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 26 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 27 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 28 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 29 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 30 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 31 [LAC 33:III.507.G.5] Alternate Operating Scenario: Operating plan recordkeeping by logbook upon each occurrence of making a change from one operating scenario to another. Record the operating scenario under which the facility is currently operating. Include in this record the identity of the sources involved, the permit number under which the scenario is included, and the date of change. Keep a copy of the log on site for at least two years. An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.
- 32 [LAC 33:III.5151.F.1.f] Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
- 33 [LAC 33:III.535] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 34 [LAC 33:III.561.A] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.

SPECIFIC REQUIREMENTS

AI ID: 7853 - Texas Eastern Transmission LP - Gillis Compressor Station
Activity Number: PER20080001
Permit Number: 0320-00016-V2
Air - Title V Regular Permit Renewal

UNF 001 UNF 001 - Entire Facility

- 36 [LAC 33:III.919.E] Submit Emission Inventory (EI)/Annual Emissions Statement. Due annually, by the 31st of March for the period January 1 to December 31 of the previous year. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.
- 37 [LAC 33:III.927] Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:1.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:1.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.